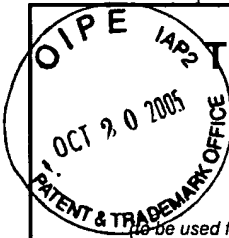


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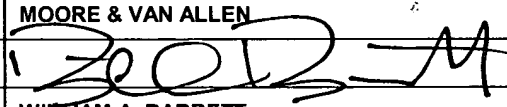
	TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>		Application Number	10/774,903
			Filing Date	February 10, 2004
			First Named Inventor	Ekwuribe, Nnochiri N.
			Art Unit	1654
			Examiner Name	Jeffrey E. Russell
Total Number of Pages in This Submission		197	Attorney Docket Number	014811-189.74CT

ENCLOSURES (check all that apply)

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form
<input checked="" type="checkbox"/> Fee Attached
<input type="checkbox"/> Amendment / Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input checked="" type="checkbox"/> Second Supplemental Information Disclosure Statement
<input type="checkbox"/> Certified Copy of Priority Documents
<input type="checkbox"/> Response to Missing Parts/Incomplete Application
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers
<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) _____
<input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Appeal Communication to Group (<i>Appeal Notice, Brief, Reply Brief</i>)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Copies of 13 foreign patent publications and 5 journal publication articles;
 Check in the amount of \$180.00; and
 Acknowledgement Postcard |
|--|--|---|

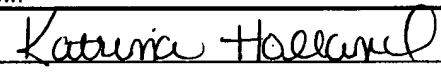
Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	MOORE & VAN ALLEN		
Signature			
Printed Name	WILLIAM A. BARRETT		
Date	October 18, 2005	Reg. No.	42,296

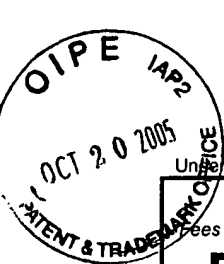
CERTIFICATE OF TRANSMISSION/MAILING

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Signature			
Typed or printed name	Katrina Holland	Date	October 18, 2005

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<i>Effective on 12/08/2004.</i> <i>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</i>		Complete if Known	
FEE TRANSMITTAL For FY 2005		Application Number	10/774,903
		Filing Date	February 10, 2004
		First Named Inventor	Ekwuribe, Nnochiri N.
		Examiner Name	Jeffrey E. Russell
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Art Unit	1654
TOTAL AMOUNT OF PAYMENT	(\$ 180.00	Attorney Docket No.	014811-189.74CT

METHOD OF PAYMENT (check all that apply)

- ☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
- ☒ Deposit Account Deposit Account Number: **13-4365** Deposit Account Name: **Moore & Van Allen PLLC**
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180
Total Claims	Extra Claims	Fee (\$)
- 20 or HP = _____	x _____	= _____
HP = highest number of total claims paid for, if greater than 20		
Indep. Claims	Extra Claims	Fee (\$)
- 3 or HP = _____	x _____	= _____
HP = highest number of independent claims paid for, if greater than 3		

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 = _____	/ 50 = _____	(round up to a whole number) x _____	= _____	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: **Surcharge Fee for Second Supplemental Information Disclosure Statement****Fee Paid (\$)****180.00**

SUBMITTED BY		
Signature	Registration No. (Attorney/Agent) 42,296	Telephone 919/286-8000
Name (Print/Type) William A. Barrett		Date 10/18/2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Nnochiri N. Ekwuribe, et al.

Group Art Unit: 1654

Serial Number: 10/774,903

Examiner: Jeffrey E. Russell

Filed: February 10, 2004

For: DRUG-OLIGOMER CONJUGATES WITH POLYETHYLENE GLYCOL COMPONENTS

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Customer No.: 24,239

**SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.56 AND 37 C.F.R. § 1.97**

It is respectfully requested that the documents listed on the attached FormS PTO/SB/08a and PTO/SB/08b be considered by the Patent and Trademark Office in the above-referenced application and made of record therein. Full text copies of the relevant foreign patent publications and published journal articles are enclosed. The requisite fee of \$180.00 pursuant to CFR §1.17(p) is enclosed herewith. The Commissioner is hereby authorized to debit any extra amount owed or to credit any extra amount paid to **Deposit Account No. 13-4365**.

Respectfully submitted,

By: 

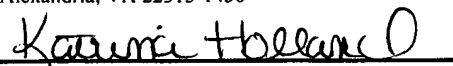
William A. Barrett
Registration No. 42,296
Attorney for Applicants
Moore & Van Allen, PLLC
430 Davis Dr., Suite 500
Morrisville, NC 27560-6832
Phone: 919-286-8000
Facsimile: 919-286-8199

October 18, 2005

Date

CERTIFICATE OF MAILING

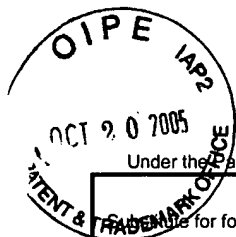
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Katrina Holland

10/21/2005 HLE333 00000106 10774903

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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Complete if Known		
			Application Number	10/774,903	
			Filing Date	February 10, 2004	
			First Named Inventor	Ekwuribe, Nnochiri N.	
			Art Unit	1654	
			Examiner Name	Jeffrey E. Russell	
Sheet	1	of	2	Attorney Docket Number	014811-189.74CT

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
	B1	US- 2003/0153488 a1		08/14/2003	May et al.	
	B2	US- 2003/0060606 A1		03/27/2003	Ekwuribe et al.	
	B3	US- 6,506,730 B1		01/14/2003	Lee et al.	
	B4	US- 5,773,581		06/30/1998	Camble et al.	
	B5	US- 5,108,568		04/28/1992	Van Alstine	
	B6	US- 4,526,938		07/02/1985	Churchill et al.	
		US-				
		US-				
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ <i>(if known)</i>				
*	B7	WO 2003/022996 A3	03/20/2003	Nobex Corporation		
	B8	WO 2003/022996 A2	03/20/2003	Nobex Corporation		
	B9	WO 03 022210 A3	03/20/2003	Nobex Corporation		
	B10	WO 03/022210 A2	03/20/2003	Nobex Corporation		
	B11	WO 03/022208 A3	03/20/2003	Nobex Corporation		
	B12	WO 03/022208 A2	03/20/2003	Nobex Corporation		
	B13	WO 02/098446 A1	12/12/2002	Nobex Corporation		
	B14	WO 02/098232 A1	12/12/2002	Nobex Corporation		
	B15	WO 00/78302 A1	12/28/2000	Protein Delivery Inc.		
	B16	WO 00/43034 A3	07/27/2000	Eli Lilly and Company		
	B17	WO 00/43034	07/27/2000	Eli Lilly and Company		
	B18	EP 0 381 070 A1	08/08/1990	Farmhispania S.A.		
	B19	EP 0 354 855 B1	02/14/1990	Terumo Kabushiki Kaisha		
	B20	EP 0 092 918 B1	11/02/1983	Imperial Chemical Industries PLC		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/774,903
				Filing Date	February 10, 2004
				First Named Inventor	Ekwuribe, Nnochiri N.
				Art Unit	1654
Examiner Name	Jeffrey E. Russell				
Sheet	2	of	2	Attorney Docket Number	014811-189.74CT

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	B21	SAMUEL ZALIPSKY; Synthesis of an End-Group Functionalized Polyethylene Glycol-Lipid Conjugate for Preparation of Polymer-Grafted Liposomes; Bioconjugate Chemistry; 1993; No. 4, pp. 296-299; American Chemical Society	
	B22	KANG CHOON LEE et al.; Isolation, Characterization, and Stability of Positional Isomers of Mono-PEGylated Salmon Calcitonins; Pharmaceutical Research; 1999; Vol. 16, No. 6, pp. 813-818; Plenum Publishing Corporation	
	B23	HAESHIN LEE et al.; Preparation and Characterization of Mono-PEGylated Epidermal Growth Factor: Evaluation of <i>in Vitro</i> Biologic Activity; Pharmaceutical Research; 2002; Vol. 19, No. 6, pp. 845-851; Plenum Publishing Corporation	
	B24	ANDREA LUCKE et al.; Biodegradable poly(D,L-lactic acid)-poly(ethylene glycol)-monomethyl ether diblock copolymers: structures and surface properties relevant to their use as biomaterials; Biomaterials; 2000; 21, pp. 2361-2370; Elsevier Science Ltd.	
	B25	JONG-HOON LEE et al.; Polymeric nanoparticle composed of fatty acids and poly(ethylene glycol) as a drug carrier; International Journal of Pharmaceutics; 2003; 251, pp. 23-32; Elsevier Science B.V.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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